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**Copper beryllium alloy, phosphor
bronze and nickel silver rods, bars
and wires**

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Contents

	Page
1	Scope 1
2	Normative references 1
3	Terms and definitions 1
4	Name, grade and designation 1
5	Quality 2
5.1	Appearance 2
5.2	Chemical composition 3
5.3	Mechanical properties 4
6	Dimensions and tolerances, and permissible values for shape 8
6.1	Dimensions 8
6.2	Dimensional tolerances 8
6.3	Permissible values for camber of bars 10
6.4	Permissible values for angular radius 10
7	Tests 11
7.1	Chemical analysis 11
7.2	Tensile test 11
7.3	Hardness test 11
7.4	Age-hardening treatment 12
8	Inspection 12
9	Marking 12
10	Report 13
	Annex A (informative) Representative dimensions of bars and wires 14

Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Copper and Brass Association (JCBA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS H 3270:2012** is replaced with this Standard.

However, **JIS H 3270:2012** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until August 19, 2019.

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Copper beryllium alloy, phosphor bronze and nickel silver rods, bars and wires

1 Scope

This Japanese Industrial Standard specifies the expanded copper beryllium alloy, phosphor bronze and nickel silver rods and bars having a round/regular hexagonal/rectangular section (hereafter referred to as bars), and wires having a round/regular hexagonal/square/rectangular section (hereafter referred to as wires).

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS H 0321 *General rules for inspection of non-ferrous metal materials*

JIS H 0500 *Glossary of terms used in wrought copper and copper alloys*

JIS H 1051 *Copper and copper alloys—Determination of copper content*

JIS H 1052 *Methods for determination of tin in copper and copper alloys*

JIS H 1053 *Methods for determination of lead in copper and copper alloys*

JIS H 1054 *Methods for determination of iron in copper and copper alloys*

JIS H 1055 *Methods for determination of manganese in copper and copper alloys*

JIS H 1056 *Methods for determination of nickel in copper and copper alloys*

JIS H 1058 *Copper and copper alloys—Determination of phosphorus content*

JIS H 1060 *Methods for determination of cobalt in copper and copper alloys*

JIS H 1062 *Methods for determination of zinc in copper and copper alloys*

JIS H 1063 *Methods for determination of beryllium in copper alloys*

JIS H 1292 *Copper alloys—Methods for X-ray fluorescence spectrometric analysis*

JIS Z 2241 *Metallic materials—Tensile testing—Method of test at room temperature*

JIS Z 2244 *Vickers hardness test—Test method*

JIS Z 2245 *Rockwell hardness test—Test method*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS H 0500** apply.

4 Name, grade and designation

The name, grade and designation of bars and wires are as given in Table 1. The product designation (see Table 3 to Table 6) shall be indicated by the designation given in Table 1 followed by the temper grade.